

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,992,714 B1  
APPLICATION NO. : 09/584198  
DATED : January 31, 2006  
INVENTOR(S) : Seiji Hashimoto et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 2

Line 13, "comprises" should read -- that comprises--.

Line 42, "aspect" should read --another aspect--.

COLUMN 4

Line 24, "circuit" should read --circuit;--.

Line 26, "circuit" should read --circuit;--.

COLUMN 5

Line 15, "arrangement." should read --arrangement;--.

Line 19, "arrangement." should read --arrangement;--.

Line 55, "in a" should read --in an--.

COLUMN 6

Line 5, "is." should read --is--.

Line 57, "preformed" should read --performed--.

COLUMN 7

Line 5, "Is" should read --is--

Line 52, "is-transferred" should read --is transferred--.

COLUMN 8

Line 1, "above described" should read --above-described--.

Line 40, "all" should read --al l--.

Line 49, "common a" should read --common--.

Line 56, "all" should read --al l--.

Line 59, "all" should read --al l--.

COLUMN 10

Line 25, "memory." should read --memory--.

Line 45, "preformed" should read --performed--.

COLUMN 11

Line 17, "ϕadd together" should read --added together--.

Line 60, "C-and" should read --C and--.

COLUMN 12

Line 56, "above described" should read --above-described--.

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COLUMN 16

Line 41, "preformed" should read --performed--.

Line 44, "ϕEL" should read --ϕSEL--.

COLUMN 18

Line 43, "gates,." should read --gates,--.

COLUMN 19

Line 20, "scanning m" should read --scanning--.

COLUMN 22

Line 24, "in is" should read --is--.

Line 39, "all" should read --al l--.

Line 59, "rest" should read --reset--.

COLUMN 23

Line 12, "rest" should read --reset--.

Line 51, "ϕRES" should read -- ϕMRES--.

COLUMN 25

Line 10, "amy" should read --may--.

COLUMN 26

Line 17, "more." should read --more--.

Line 24, "a the" should read --the--.

Line 56, "all" should read --al l--.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 27

Line 1, "all" should read --al l--.

Line 22, "an" should read --a--.

COLUMN 28

Line 7, "are." should read --are--.

Line 54, "above described" should read --above-described--.

Line 58, "arrangement" should read --arrangements--.

COLUMN 30

Line 9, "two-dimensionally:" should read --two-dimensionally;--.

Signed and Sealed this

Eighth Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*